

20000301.ba v02_n820.bam.20000301

>From ???@??? Wed Mar 1 21:51:02 2000 -0600
Date: Wed, 1 Mar 2000 21:48:27 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2820
Message-Id: <20000302035554.6E6D7274AE@devel143.theporch.com>

BOATANCHORS Digest 2820

Topics covered in this issue include:

- 1) Re: Zenith Transoceanic Value ?
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 2) Re: WTB Pilot's Box
by Ken Corwin <kenc2@pacbell.net>
- 3) RE: London Boat Anchor Sites
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 4) ADMINISTRIVIA: Buying and Selling Guidelines
by listown@jackatak.theporch.com (Mail List Owner)
- 5) Running Without: More Info
by David Stinson <arc5@ix.netcom.com>
- 6) RBL Thread
by David Stinson <arc5@ix.netcom.com>
- 7) 1938 RadioCraft Book Reproduction -- FINAL FOUR - LAST CALL
by cbrenner@uwec.edu
- 8) SX-100 for sale
by Bob Roehrig <broehrig@admin.aurora.edu>
- 9) Re: Stancor PC-8408
by W7QH0@aol.com
- 10) Russian R-105/8/9 ?
by BEN NOCK <G4BXD@compuserve.com>
- 11) German psu ?
by BEN NOCK <G4BXD@compuserve.com>
- 12) Re: BOATANCHORS digest 2819
by "Larry Kayser" <kayser@king.igs.net>
- 13) BC-689 es TR4
by "w2tu" <w2tu@email.msn.com>
- 14) Enigma Machine On TV
by Jerry Proc <jproc@idirect.com>
- 15) Re: BC-689 es TR4
by William Donzelli <aw288@osfn.org>
- 16) More Shack Thinning
by Stanley A Mcintosh <mcintos@basf-corp.com>
- 17) Re: Zenith Transoceanic Value ?
by Richard Post <post@ouvaxa.cats.ohiou.edu>
- 18) Surplus warehouse

by "w2tu" <w2tu@email.msn.com>
19) NC-173 for sale
by Bob Roehrig <broehrig@admin.aurora.edu>
20) Re: Zenith Transoceanic Value ?
by "Hue Miller" <kargokult@proaxis.com>

Message-Id: <3.0.1.32.20000301085014.0133b100@vuse.vanderbilt.edu>
Date: Wed, 01 Mar 2000 08:50:14 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Zenith Transoceanic Value ?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:24 PM 2/29/00 -0800, you wrote:

>
>--The 1L6 situation works to your advantage as
>well. Many of them seen at swapmeets
>would still be desirable to their owners, but the
>radio quit, and the owner doesn't know where
>to get it repaired, or has already gotten an
>estimate and figures it's time to bail out. There's
>*nothing* magic about the 1L6, and with minor
>wiring change you can substitute the common
>1R5.

...If you don't care if it's deaf above about about 12 MHz. The 1R5 can't handle the higher bands. One can do better by subbing either a 1U6 (requires 50 ohms parallel to the filament to correct for current) or a 1LA6 loctal with a special adapter. These both capacitances identical to the 1L6.

>
>|There are no "bad" T0's. They were a very sophisticated design, perform
>|well and sound great.
>| Good luck! A. B. Bonds
>
>--They were a sophisticated design - for their time.
>They sound pretty good, and perform reasonably.
>If you like dx'ing the broadcast band, the selectivity
>limited by the single IF is a drawback.

I agree, but the organization of SW into fairly narrow bands instead of general coverage makes them pleasant to use at the higher frequencies. Win some, lose some.

Date: Wed, 01 Mar 2000 07:46:04 -0800
From: Ken Corwin <kenc2@pacbell.net>
Subject: Re: WTB Pilot's Box
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Boatanchors at the Porch <boatanchors@theporch.com>
Message-id: <38BD3B3B.E6F6414D@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hello, Jay -

I don't know the difference between the ARR-1 and ARR-2, but I have a motorized control unit used to change the channels of the ARR-2 receiver remotely with an electrical switch instead of a flex cable. This unit, which contains a 28-volt motor-driven spline drive, a channel indicating window, and an A.R.C. socket (and plug), attaches physically to the front of the receiver. A remote rotary switch can be used to change channels.

If you can use it, I'll trade you even for an A.R.C. C-49, A.R.C. C-56, or C-1341/ARC control box.

Regards, Ken Corwin

Date: Wed, 1 Mar 2000 11:07:00 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: London Boat Anchor Sites
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200003011107_MC2-9B5B-E0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Jim,

If you have time, you should also go up to RAF Duxford. I don't recall the highway number, but it is on the West side of the highway to Cambridge. =

You can also take the train from London, I think. When I was last there = in '96, they had two B-17's, one flying with very little in it radio-wise

except for a BC-450-A in the cockpit, and one non-flying that was getting= all of the original avionics. Lots of other aircraft, of course, from pr= e WW-I to the B-52. The reason for the high percentage of US aircraft is apparently that Duxford was a US base during WW-II, 9th Air Force, I thin= k.

Robert Downs
WA5CAB
Houston

Message-Id: <200003011715.e21HF1V17009@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Date: Wed, 1 Mar 2000 11:15:01 CST

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

There is never a reason for an auction post or update on the Boatanchors List... comments about gear at auction elsewhere are noise, and those who would care already visit the auction sites, and those who do not frequent the auctions do not want to hear about it... simple policy

1) LIMIT the frequency of for sale postings... once a month is a good starting point

- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!
- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.
- 5) LONG lists and estate offerings should be sent to me at:
listown@jackatak.theporch.com
so they may be uploaded to the archives for email, web, or ftp retrieval.
- 6) We now have a web page up. Go to:
<http://www.theporch.com>
and follow the "ListProc Web Interface" Link to get registered and use the web interface, which allows searching of previous articles and the archived text files.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Wed Mar 1 11:15:01 CST 2000

Message-ID: <38BD52BC.33CD0238@ix.netcom.com>
Date: Wed, 01 Mar 2000 11:26:20 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Running Without: More Info
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've noticed that, when running the rigs as I've described, they tend to be a little more microphonic. It's not apparent when running them at full B+, but I do hear it with low B+. It's not so bad as to be a problem; it's only noticeable if you tap firmly on the rig. Anyone have an idea why a tube would be microphonic at low B+ but not at high B+??

73 Dave S.

Message-ID: <38BD5522.C4CA3635@ix.netcom.com>
Date: Wed, 01 Mar 2000 11:36:34 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RBL Thread
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I seem to remember there was a recent thread on the RBL. Can someone please tell me when that was, so I'll know where to look for it?

73 Dave S.

Message-ID: <3DD3BED8DB4DD311B0EE0020484050DC2C5341@kyle.uwec.edu>
From: cbrenner@uwec.edu
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 1938 RadioCraft Book Reproduction -- FINAL FOUR - LAST CALL
Date: Wed, 1 Mar 2000 11:48:06 -0600

**** LAST CHANCE, I HAVE FOUR LEFT ****

Before Christmas I offered for sale here a commercially printed reproduction of the March 1938 Issue of RadioCraft Magazine, edited by Hugo Gernsback. The issue was devoted to the History of radio to that point in time (great ads, articles, interviews etc) and had an incredible amount of information about the field we all love so well. The book was published in 1983 and was part of the inventory liquidated when the printer went out of business. The book is 142 pages, printed on glossy paper, and has a commercial type book binding. The book is offered at the following prices:

\$10 shipped Priority Mail in the US, surface mail to Canada.

\$15 shipped Air Mail to foreign addresses.

If you would like one of these books please (1) email me regarding your interest and (2) send me a check as well as your mailing address to the address given below. If you are into the history of radio, I guarantee that you will be more than pleased with this book.

Chuck Brenner, WB9GJW
1720 6th Ave. NE
Menomonie WI 54751
USA

-- "Real Radios Glow In The Dark" --

Date: Wed, 1 Mar 2000 11:51:45 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-100 for sale
Message-ID: <Pine.OSF.3.96.1000301114047.28866A-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a SX-100 which I don't have room for that must go. Electrically it is in excellent shape (Retubed & recapped where necessary and aligned). Cosmetically, the bandspread knob has the metal insert missing and the front edges filed off. There is a bit of discoloration in a few spots on the lower part of the front panel (maybe someone had some labels on there at one time). Otherwise, no dents or cracks.

A picture can be seen at <http://www.aurora.edu/~broehrig/sx100.JPG>

Asking \$175.00 and prefer not to ship so those willing to pick up or meet me within reasonable distance of Batavia, IL (40 miles West of Chicago) will get preference.

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

From: W7QHO@aol.com
Message-ID: <e0.1cc103b.25eeb7dd@aol.com>
Date: Wed, 1 Mar 2000 13:13:49 EST
Subject: Re: Stancor PC-8408

To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Original message dated 00-03-01 09:06:25 EST:

<< Tim -

PC-8408

680 VCT @ 70 mA
5.0 V @ 2 A
6.3V @ 2.5 A (General spec says this is center tapped)

Price - \$5.62 (Allied, 1959) !

73, Garey - K40AH
Atlanta
>>

Walter Ashe1963 catalog lists a Stancor PM-8408 with exactly the same specs.
Wonder if other PM prefix units are the same as the earlier PC series?
Interesting. Price was \$7.35 in 1963 BTW.

Dennis DuVall, W7QHO
Glendale, CA

Date: Wed, 1 Mar 2000 13:37:36 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: Russian R-105/8/9 ?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200003011337_MC2-9B60-63DE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Wanted:

Circuit diagram for the R-105/8/9 series Russian transceivers.

PSU module for above sets.

cheers, Ben G4BXD

<<<<<<<>>>>>>>>

www.qsl.net/g4bxd

>>>>>><<<<<<<<

Date: Wed, 1 Mar 2000 13:37:40 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: German psu ?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200003011337_MC2-9B60-63E3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

A long shot I know but here goes. =

I need a mains transformer for a GL90/40 power supply.

or, a working GL90/40 psu ?

This is for the S90 transmitter.

cheers, Ben. G4BXD

Message-ID: <01cc01bf83b0\$a5d362c0\$0a00a8c0@server1.ThreeLakes.ca>
From: "Larry Kayser" <kayser@king.igs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BOATANCHORS digest 2819
Date: Wed, 1 Mar 2000 13:59:38 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ray es the Group on Boatanchors:

> 7) Reduced B+ on command set rx
> by Ray Mote <rmote@rain.org>

Re:

Have seen Bro. Dave's comments on running command set receivers at filament voltage for B+. A few years back, Larry Kayser dropped in and went home with a BC-453 which he intended to use as a tunable IF behind xtal-controlled converters. He dropped the B+ way down, to (I

think) something like 50-75V, and found the point where both sensitivity and selectivity were optimum, and signals seemed to just "pop out of the noise". I recall him describing the theory behind this, but just can't remember the details. Too much paint, drywall joint compound, etc. under the bridge since then, and I'm still up to my ears in fixup work needed before we can sell this place and move. Larry, howzabout expounding further on this point?

Well Ray this all started when the late Don Stoner, W6TNS wrote his famous article about using a BC453 with a xtal controlled converter on 40 and 80. There were a couple of Miller coils specified and Don in his wisdom used a transformer with only a 6.3 and a 5 volt winding for the supply. He just added up to the two windings for more or less 11.3 V AC on the 12 V filaments. My radio came from Fair back in around 1953 or early 1954, \$3.95 US\$ c/w with the tuning spline cut off the end of an old remote control tuning cable hi.

I had some surplus small variacs and almost no money so I hooked up a variac to an old industrial transformer of about 20 V AC or so, it was for running small motors on louver control systems. I also used a higher voltage power supply from another old radio. With the Variacs in hand it was attractive to go playing around.

In short order, I found a sweet spot, on that BC-453 it was I think around 60 or 65 volts and about 11 volts on the filaments were signals just lifted out of the almost zero background noise. There was almost no noise in the background at all, just the signals and they really just suddenly popped up.

Ray, on the BC-453 I got from you, I tried the same thing. First the voltage on the filaments had to be at least 11.4 V for the radio to basically work. The High voltage best performance is about 135V. The RX is good, very good, but did require some TLC. I had to change out some of the .05's and also a larger Cap but I can not remember which one, to get it to quieten down. I have acquired a good tube tester some time back and I find that the 12K8's are very noisy. I have been looking around for a solution as I think that is the one that is limiting the performance of this BC-453.

In addition to my simple work of just reducing the voltages there was also some excellent work done by a few others many years ago. In 73 Magazine, way back when Wayne was using single colour covers with line drawings there were at least two maybe three excellent articles on denoising HF receivers. It is a stretch but one of them was about reducing the internal noise in an SX-28 and the other was about doing more advanced work on an SX-99, both those radios needed help as I remember them. A third article was more fundamental it went into the use of extensive decoupling of the B plus and into bypassing of tubes for reduced noise.

Of course real low noise radios do not use AGC or have an AF gain control,

they have RF gain controls only, up to three of them. I am also assuming that only CW mode is appropriate for use with really low noise radios.

The selectivity trick with the BC-453 is to remove the IF cans from the radio and then open them up and study the two position selectivity option, moving the coils apart and to then CAREFULLY file or Dremel out the notch so that one can get the IF coils an extra .1 inch apart. This gets the 6 dB bandwidth point down an extra bit. Adding a bit of wire from the plate and the grid of the IF stage also introduced some regeneration and I used to use a plastic knitting needle (through a hole in the bottom plate) to adjust the two wire coupling for critical feedback which was a poor mans version of the Q Multiplier.

As I remember it, this radio gave lots of warning of a impending crisis with one of the .05 mfd bypass caps. It would develop a terrible frying noise that would only stop when you blew the rectifier with the overload on the B plus as the capacitor finally shorted completely.

Message-ID: <009501bf83b0\$c617e240\$7b58143f@W2TU>
From: "w2tu" <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BC-689 es TR4
Date: Wed, 1 Mar 2000 14:02:50 -0500

Hi all:

I just came back from a soon-to-be-demolished radio company warehouse and after going through 3 floors and a basement full of WW2 parts, etc. I didn't see much worth taking. I did bring home a BC689 transmitter just for curiosity. They had 10 or so of these and the BC688 rvcr brand new in original boxes. When I opened it up to look in I saw the weirdest final tubes I've ever seen. Looks like UHF or microwave stuff. Any one know what they are and are these any good?

Also saw new in the boxes dynamotors such as PE119, and others I don't remember the numbers.

I am looking for a manual for the Drake TR4 transceiver. I traded for one at the hamfest to use this summer aboard ship and found out it was a little different than the Drake gear I'm used to. No tune position! How do I tune it up?

tnx for any help.

Paul B. W2TU

Message-ID: <38BD6DF7.6B928A16@idirect.com>

Date: Wed, 01 Mar 2000 14:22:32 -0500
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Enigma Machine On TV
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Attention Crypto Aficionados:

NOVA will be featuring the Enigma Machine on PBS TV, Wed March 8 at
09:00 EST

--

Regards,
Jerry Proc VE3FAB jproc@idirect.com
Web: www3.sympatico.ca/hrc/haida
HMCS HAIDA Historic Naval Ship, Toronto Ontario

Date: Wed, 1 Mar 2000 14:58:45 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BC-689 es TR4
Message-ID: <Pine.SUN.3.91-FP.1000301144209.15154D-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I just came back from a soon-to-be-demolished radio company warehouse
> and after going through 3 floors and a basement full of WW2 parts, etc. I
> didn't see much worth taking.

Do tell...

> I did bring home a BC689 transmitter just for
> curiosity. They had 10 or so of these and the BC688 rvcr brand new in
> original boxes. When I opened it up to look in I saw the weirdest final
> tubes I've ever seen. Looks like UHF or microwave stuff. Any one know what
> they are and are these any good?

These are for the SCR-518-A radar altimeter. Fairly early in the radar
game, these sets were UHF. The final tubes are either 8012s or 8025s -
basically the same tube with or without bases. They are not the greatest
tubes in the world, but back then there was little choice with UHF
triodes. Judging from the transmitter, it looks like the thing is a self

pulsed radar.

The receiver uses acorns. Yes, these things have RCA written all over them!

I think most never were used, as the set was quickly replaced by the SCR-618 (which was replaced by the SCR-718-A after a few _days_ - I have heard that only a few SCR-618s were produced before the line was killed.).

I am looking for bits of this set. I have the BC-688, 689, and 690 Control Box, all new, but I need the PE-112-A power unit (long skinny thing), the JB-46-A junction box, the I-102-A indicator (J scope, I think), and FT-282 racks (ATR things) and plugs (Cannon types - PL-200 series, I think). Any of these at this place? Oh, I think I need a manual as well.

William Donzelli
aw288@osfn.org

From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <85256895.007C31C7.00@basf-corp-gw01.basf-corp.com>
Date: Wed, 1 Mar 2000 17:42:41 -0500
Subject: More Shack Thinning
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am suffering from the blessing of too many neat projects and too little time. In the name of keeping my scarce hobby time focused on the best use of that time, I am looking at possibly thinning out a couple of additional items. And, I would appreciate any information on desirability/worth of these items... I just don't know what sticker price to assign:

1) AN/URM-34A (or is it 32?) This is a 125 kHz -1250 MHz frequency-meter/oscillator, with three selectable ranges. It has some scratches, but is otherwise in good shape. There has not been any monkeying with the battery connections; my plans were to construct an AC power supply. The spares rack has a full set of tubes, and the tube puller is in good shape.

2) SSB Modulator module. This is a subassembly that is either a well-made commercial piece of gear or a superbly-made piece of homebrew gear. It includes a 7340, 6C4, LSB crystal, carrier crystal, and USB crystal, 9 MHz McCoy "Golden Guardian" 2.6 kHz crystal filter, and the crystals are switched with a rotary switch. To make matters somewhat better, I have a QST construction article with a modulator that matches the tube and crystal filter arrangement (I haven't gone through a component-by-component check). Given the chassis and the article, a modulator shouldn't be too hard to wrap up. I just don't know what, if any, value such a subassembly might have.

Thanks for the responses in advance.

stan mcintosh
kd4bth

Message-Id: <v03007805b4e326003a79@[132.235.46.157]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Date: Wed, 1 Mar 2000 17:48:49 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Re: Zenith Transoceanic Value ?

There's

>>*nothing* magic about the 1L6, and with minor

>>wiring change you can substitute the common

>>1R5.

>

>...If you don't care if it's deaf above about about 12 mHz. The 1R5
can't

>handle the higher bands. One can do better by subbing either a 1U6

>(requires 50 ohms parallel to the filament to correct for current) or
a

>1LA6 loctal with a special adapter. These both capacitances identical
to

>the 1L6.=20

I've found that one of the most critical variables for the 1L6 is its
filament voltage. You can take the Transoceanic (models without the
50A1 ballast) and feed it with a variac to determine where in the upper
bands the 1L6 will quit oscillating. =20

The filament voltage on the 1L6 can be plotted against the highest freq

<http://oak.cats.ohiou.edu/~postr/MRT/>

Message-ID: <002101bf83ea\$ab0b65a0\$2e0c0a3f@W2TU>
From: "w2tu" <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Surplus warehouse
Date: Wed, 1 Mar 2000 20:57:14 -0500

Hi again:

Many thanks to all who replied. The four floors were full of many parts mostly. Not to much in the way of equipment except for the 688's & 699's and dynanotors. Many resistors, caps, coils, transformers etc. It used to be Oak Electronics but most of the labels on the boxes say "Genesee Radio". That was around many years ago. I wasn't one of the early scavengers so it's possible anything of real value was picked over.

I may make one more trip just to make sure but the stuff is flying out the door every day.

tnx for the replies.

Paul B. W2TU

Date: Wed, 1 Mar 2000 20:33:23 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: NC-173 for sale
Message-ID: <Pine.OSF.3.96.1000301202412.12264A-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yet another receiver I don't have room for any more: It is a NC-173. Electrically in fine shape - necessary parts have all been replaced and the unit was aligned. No mods. Only two items perhaps need attention. If you are a purist, the main tuning and bandspread knobs are black rather than gray (Believe from a NC-183D). And the noise limiter control needs replacing. I have a new control but the switch is on the clockwise end of rotation rather than the normal counterclockwise end. I never use a noise limiter so never bothered to change it.

Asking \$175.00 - those interested who are able to pick up or meet me within reasonable distance of the Fox Valley (40 miles W. of Chicago) will have priority. I really don't want to ship if at all possible. (Shipping would be extra if it comes to that). Manual is included.

See a picture of it at: <http://www.aurora.edu/~broehrig/nc173.JPG>

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI

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630-844-4898 Fax 630-844-4222

PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

Message-ID: <001801bf83fb\$f919a2a0\$21c66ac6@oemcomputer>

From: "Hue Miller" <kargokult@proaxis.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Zenith Transoceanic Value ?

Date: Wed, 1 Mar 2000 20:01:14 -0800

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Richard Post <post@ouvaxa.cats.ohiou.edu>

|There's

|>>*nothing* magic about the 1L6, and with minor

|>>wiring change you can substitute the common

|>>1R5.

|>

|>...If you don't care if it's deaf above about about 12 MHz. The 1R5 can't

|>handle the higher bands. One can do better by subbing either a 1U6

|>(requires 50 ohms parallel to the filament to correct for current) or a

|>1LA6 loctal with a special adapter. These both capacitances identical to

|>the 1L6.

--well, the Army's GRR-5 tunes to 18 MHz, doesn't use a 1L6, and i think

i recall receiving numerous signals above 12 MHz.

If he can't find a 1L6, where is he going to find a 1U6 ???

Have you done a side by side test, and what is the difference in

sensitivity?

Differences in capacity at the actual levels, which are not enuff to throw
the

front end into oscillation, can be tweaked for, and are just not a big deal.

These are NOT dx machines anyway.

|I've found that one of the most critical variables for the 1L6 is its
filament voltage.

--Yes, it doesn't take much to make this tube quit oscillating, low filament, low plate, parts drift....good info, the above....

|There are several Transoceanic clones. I have a Hallicrafters, a pair of Sears Silvertones, and a Sonora. My definition of "clone" is the use of the 1L6, a three section tuning cap (RF amp), and the suitcase style. Sometimes you can pick up a cosmetically-challenged clone with a good 1L6 inside for a reasonable price :-)

|Rich

So besides the above, there are at least RCA, and the Stromberg-Carlson in addition, making at least 6 variants. The SC is my own favorite, with its front panel thermometer and barometer.

But it would be a shame for any clone to perish for one crummy, volatile 1L6 tube.

Hue Miller

End of BOATANCHORS Digest 2820
